

# MATERIAL SAFETY DATA SHEET

## SECTION I

<b>MANUFACTURER'S NAME</b>	Parks Corporation	<b>CHEMICAL NAME &amp; SYNONYMS</b>	Aqueous Emulsion Based Coating
<b>STREET ADDRESS</b>	One West Street	<b>CHEMICAL FAMILY</b>	Water, Urethane Latexes, Acrylic Latexes
<b>CITY, STATE &amp; ZIP</b>	Fall River, MA 02720	<b>TRADE NAME</b>	<b>PRO FINISHER WATERBORNE</b>
<b>EMERGENCY TELEPHONE</b>	(508) 679-5938	<b>SIZES/CODES</b>	<b>POLYURETHANE SEMI-GLOSS</b>
		<b>FORMULAS</b>	Gallon #13-7163
		<b>REVISED</b>	Quart #13-7164
			N.A.
			<b>10/08/97</b>

## SECTION II - HAZARDOUS INGREDIENTS

### PAINTS, PRESERVATIVES & SOLVENTS

<u>SOLVENTS</u>	<u>CAS #</u>	<u>ACGIH %</u>	<u>PPM TLV (UNITS)</u>	<u>OSHA PEL</u>
DPM (DiPropylene Glycol Methyl Ether)	34590-94-8	4	100	100
2-Pyrrolidinone, 1-Methyl (NMP)	872-50-4	4	100	100

**PIGMENTS:** None.

**CATALYST:** None.

**VEHICLE:** None.

**ADDITIVES & OTHERS:** None.

**HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS OR GASES:** None.

## SECTION III - PHYSICAL DATA

<b>BOILING POINT (°F)</b>	100°C/212°F Water	<b>SPECIFIC GRAVITY (H<sub>2</sub>O = 1)</b>	1.0
<b>VAPOR PRESSURE (mmHg)</b>	17 @ 20°C Water	<b>PERCENT VOLATILE</b>	76%
<b>VAPOR DENSITY (AIR = 1)</b>	Greater than 1	<b>BY VOLUME (%)</b>	
<b>SOLUBILITY IN WATER</b>	Dilutable	<b>EVAPORATION RATE</b>	Less than 1
<b>APPEARANCE</b>	Milky white liquid	<b>(ETHER = 1)</b>	
<b>ODOR</b>	Slight ammonia odor		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

### HMIS HAZARD CLASS

Health Hazard: 2; Flammability: 0; Reactivity: 0; Personal Protection: C

**FLASH POINT (METHOD USED):** Nonflammable. No flash point.

### FLAMMABLE LIMITS

**LEL:** N.A.

**UEL:** N.A.

**EXTINGUISHING MEDIA:** Water for dried polymer.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material can splatter above 100°C/212°F. Polymer film can burn.

**SECTION V - HEALTH HAZARD DATA**

**THRESHOLD LIMIT VALUE:** See Section II.

**EFFECTS OF OVEREXPOSURE**

**INHALATION:** Breathing high concentrations of vapors or mists may cause irritation of the nose and throat, headache and nausea. Respiratory symptoms associated with pre-existing lung disorders (e.g., asthma-like conditions) may be aggravated by overexposure.

**INGESTION:** Ingestion of excessive quantities may cause irritation of digestive tract, signs of nervous system depression (e.g., headache, drowsiness, dizziness, loss of coordination and fatigue).

**EYE CONTACT:** Slightly irritating to eyes.

**SKIN CONTACT:** Irritation to skin upon repeated or prolonged contact.

**EMERGENCY AND FIRST AID PROCEDURES**

**INHALATION:** Move subject to fresh air.

**EYE AND SKIN CONTACT:** Flush eyes with large amount of water for at least 15 minutes. Get prompt medical attention. Wash skin thoroughly with soap and water. Remove and wash clothing before reuse.

**INGESTION:** If swallowed, dilute by giving two (2) glasses of water to drink. See a physician. Never give anything by mouth to an unconscious person.

**NOTE TO PHYSICIAN:** Glycol ethers can cause delayed kidney damage. Careful evacuation of the stomach is advisable.

**SECTION VI - REACTIVITY DATA**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** Decomposition is dependent on time and temperature. On-set of polymer decomposition is 177°C/350°F.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION PRODUCTS:** N.A.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS TO AVOID:** N.A.

**SECTION VII - SPILL OR LEAK PROCEDURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Keep spectators away. Floors may be slippery, use care to avoid falling. Use self-contained breathing apparatus for large spills in confined area. Transfer liquid to containers for recovery or disposal and solid diking material to separate containers for disposal. Keep spills and cleaning runoffs out of municipal sewers and open bodies of water.

**WASTE DISPOSAL METHOD:** Incinerate the liquid and the contaminated diking material at a permitted facility according to current local, state and federal regulations.

**SECTION VIII - SPECIAL PROTECTION INFORMATION**

**RESPIRATORY PROTECTION (SPECIFIC TYPE):** Wear suitable respirator (MSHA/NIOSH approved or equivalent) where exposure limits exceed the established exposure limits (See Section II).

**VENTILATION**

**LOCAL EXHAUST:** Yes.

**MECHANICAL (GENERAL):** Yes.

**SPECIAL:** N.A.

**OTHER:** N.A.

**SECTION VIII - SPECIAL PROTECTION INFORMATION (CONT'D)**

**PROTECTIVE GLOVES:** Impervious.

**EYE PROTECTION:** Chemical splash goggles (ANSI Z-87.1 or approved equivalent).

**OTHER PROTECTIVE EQUIPMENT:** It is suggested that a source of clear water be available in work area for flushing eyes and skin. Impervious clothing should be worn as needed.

**SECTION IX - STORAGE AND SPECIAL PRECAUTIONS**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep from freezing. Storage temperature MAX 60°C/140°F; MIN 1°C/34°F.

**OTHER PRECAUTIONS:** Keep containers tightly closed, cool, dry and away from heat sources.

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